**Data Dictionary**

**Site:** site where samples were collected; levels are 1-3

**Spp:** species; levels are M (Mastocarpus papillatus) or P (Porphyra perforata)

**Sample**: sample number within sites; levels are 1-5

**Wt\_F**: fresh weight in grams of the sample (hydrated but surface-dried)

**ETR\_F\_A**: alpha slope of the ETR for the fresh weight sample

**ETR\_F\_max**: max ETR value for the fresh weight sample

**Wt\_DES**: desiccated weight in grams of the sample (one hour under continuous airflow)

**ETR\_DES\_A**: alpha slope of the ETR for the desiccated weight sample

**ETR\_DES\_max**: max ETR value for the desiccated weight sample

**Wt\_F2**: second fresh weight in grams after desiccation (rehydrated for one hour after desiccation, then surface dried)

**ETR\_F2\_A**: alpha slope of the ETR for the second fresh weight sample

**ETR\_F2\_max**: max ETR value for the second fresh weight sample

**Wt\_DRY**: weight in grams of the fully dried sample (after 24 hours in the drying oven)

Effects of desiccation on *M. papillatus* and *P. perforata* (fresh1 – des)

* ETR-A difference – composite data, scatterplot and boxplot
* ETR-max (boxplot)

Tolerance measurement in *M. papillatus* and *P. perforata*

* ETR\_A (F-DES) (boxplot)
* ETR-max (F-DES) (boxplot)

Resilience measurement in *M. papillatus* and *P. perforata*

* ETR\_A (DES-F2) (boxplot)
* ETR-max (DES-F2) (boxplot)